

ABSTRACT

5 A position and/or movement sensor for measuring a position or movement of a first object  
relative to a second object comprises a measuring device including a first member coupled  
to the first object; a second member coupled to the second object; and one or more first  
spring elements coupled between the first and second members; one or more stop members  
for limiting movement of the first member relative to the second member in at least one  
linear direction and/or about at least one pivot axis; and one or more second spring ele-  
ments coupled between the first member and the first object. A spring constant of the  
10 second spring elements is greater than a spring constant of the first spring elements in at  
least one linear direction or about at least one pivot axis.